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中国竹亚科的两新种

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TWO NEW SPECIES OF BAMBUSOIDEAE FROM CHINA

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方脉箬竹 新种 图1

Indocalamus quadratus H. R. Zhao et Y. L. Yang, sp. nov. fig. 1.

Culmi 2.7—3.3 m alti, 8—11 mm diametro, initio dense fuscostrigosi; internodia 22.5—26 cm longa, farinosa; nodi prominuli intra nodum 5—8 mm longi; vaginae culmi persistentes, infernae quam internodia breviores, viridi-purpurinae, stimulis antrorsis densis fusco-purpureis obtectae, non maculatae, margine exteriore dense fusco-ciliolatae; auriculae falcatae, circa 1.5 cm longae, 1.3 cm latae, brunneae, fimbriis ad 2 cm longis radiatis flexuosis fulvidis instructae; ligula truncata usque convexa, 2—2.5 mm longa, phaeo-purpurata, margine fimbriis 1.2—1.6 cm longis vel longioribus praedita; lamina vaginae erecta vel reflexa, viridis, vittiformi-triangulata, basi non constricta. Ramula 6—7-foliata. Vaginae foliorum primo dorso stimulis appressis phaeis minutis antrorsis, demum glabrescentes, margine dense longe fusco-ciliatae; auriculae falcatae, phaeo-purpurellae, circa 12 mm longae et 2 mm latae, fimbriis radialibus circa 1.4 cm longis; ligula foliorum truncata, phaeo-purpurata, circa 2 mm alta, margine fimbriis longis rufidulis; lamina oblongo-lanceolata, apice acuminata, basi rotunda vel cuneata, longe pedicellata, 8.5—24.5 cm longa, 5.6—7.2 cm lata, dorso pallida, nervis secundariis 9—15-jugis, venulis transversis quadratis 0.5 mm longis (vel latis). Inflorescentia deest.

Hunan: Dongan, Daao. alt. 600—700 m, May. 26, 1977, Z. P. Wang and A. T. Liu 77031 (Typus in Herbarium of Biology Department of Nanjing University).

Species *I. omeiensi* affinis, sed vaginis culmi initio non maculatis, ligulis margine fimbriis 1.2—1.6 cm longis rufidulis instructis; lamina oblongo-lanceolata, basi rotunda raro cuneata, subtus pallida, nervis secundariis 9—15-jugis, venulis transversis quadratis diversa.

湖南省：东安，大坳。生于海拔600—700米山地。1977年5月26日，王正平、刘靄堂77031（模式标本存南京大学生物系）。

本种与峨眉箬竹（I. omeiensis Chu et Chao）* 等近似种的区别在于箨鞘无斑点；箨舌边缘有长1.2—1.6厘米或更长的棕色縫毛；叶片矩圆状披针形，基部圆形稀楔形，背部

* 《植物分类学报》1980年第18卷第1期第25页。

灰白色，侧脉 9—15 对，小横脉方形，长或宽约 0.5 毫米。

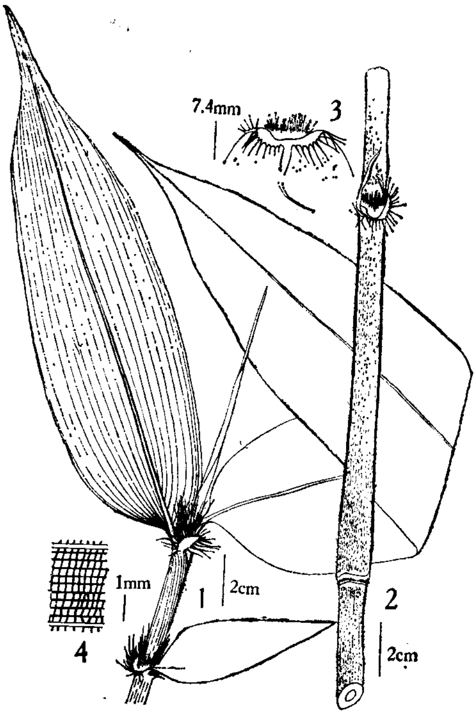


图 1　**方脉箬竹 Indocalamus quadratus** H. R. Zhao et Y. L. Yang sp. nov.

1.叶枝；2.幼秆的一部分，示着生其上的秆箨；3.秆箨顶端的背面观；4.叶背面的一部分放大，示方格状小横脉。

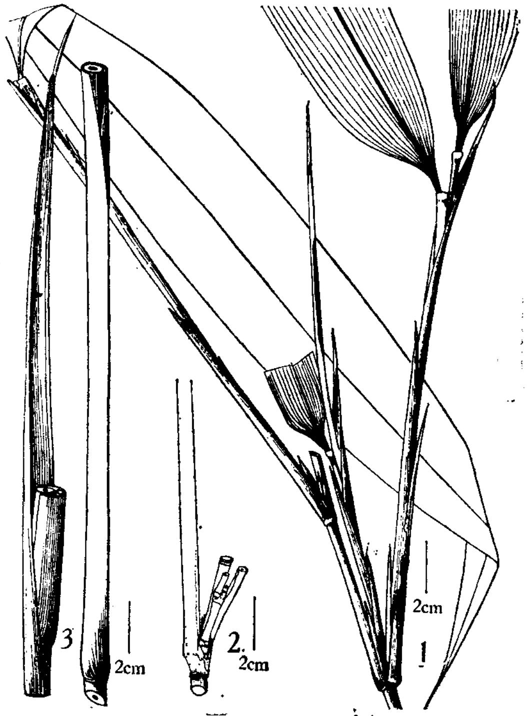


图 2　**长鞘茶秆竹 Pseudosasa longivaginata** H. R. Zhao et Y. L. Yang sp. nov.

1.叶枝；2.主秆的一部分，示分枝的情形；3.幼秆的一部分，示着生其上的秆箨。

长鞘茶秆竹　新种　图 2

Pseudosasa longivaginata H. R. Zhao et Y. L. Yang, sp. nov. fig. II.

Culmi 1.5—2 m alti, 5—8 mm diametro, juventute breviter albo-puberuli farinosique, ligno tenue, infra nodos annulo flavo-mollissimo, adulti non nitidi; internodia 16—26 cm longa. Vaginae culmi crassae, stramineae usque phoeniceae, mediocriter farinosae et stimulis appressis, brunneo-flavis obtectae, 16—55 cm longae, internodia 1—2 superantes, manifeste tessellatae, margine externo ciliis densis atro-flavidis apicem versus gradatim sparsis instructae; lamina vaginae angustissima, erecta, subulata; auriculae et setae orales nullae, interdum setis oralibus sparsis; ligula truncata, 1.5—3.5 mm longa, margine minute serrata et ciliolata. Rami primarii culmi quoque nodo 3, inferne 1; ramuli 1—3-foliati. Vaginae foliorum margine ciliolatae; auriculae et setae orales nullae; ligula 1—1.5 mm longa, truncata vel convexa, margine minute serrata et ciliolata; lamina chartacea, 20.7—47.5 cm longa, 2.7—6.5 cm lata, lanceolata vel oblongo-lanceloata, apice longissime aristato-acuminata, basi cuneata, dorso praeter basim sparsissime longe albo-hispidam glabra, prope costam haud tomentosa; nervis secundariis 7—10-jugis, venulis transversis manifestis; auriculae et setae orales nullae, vel setae orales interdum 1—2; ligula truncata, crasse membranacea, 0.7—2 mm longa, margine ciliolata. Inflorescentia deest.

Fujian: Chongan, Tungmo brigade, growing on the slope in the valley along the roadside, June. 26, 1974, C. Y. Yao and Z. P. Wang 74131 (Type in the Herbarium of Biology Department of Nanjing University); Minqing, Jingsha Commune, Z. P. Wang and G. H. Ye 74112.

Species *P. japonicae* proxima, sed nodo culmi ramos 3 ferente; vaginis culmi 16—55 cm longis, internodia 1—2 superantibus. *P. amabili* similis, sed ramis in quoque nodo 3, inferne ad culmum non appressis; vaginis culmi longioribus differt.

福建省：崇安，桐木大队。生于路旁山谷坡地，1974 年 6 月 26 日，姚昌豫、王正平 74131（模式标本存南京大学生物系）。闽清，金沙公社，王正平、叶光汉 74112。

本种与矢竹（P. japonica (Sieb & Zucc) Makino）区别在于秆每节分枝 3 枚；箨鞘长 16—55 厘米，长超过 1—2 个节间。与茶秆竹（P. amabilis (McCl.) Keng f.）的区别在于每节 3 分枝，其下部不紧贴于秆；箨鞘较长。